Amendments to the Specification:

Please replace the paragraph at page 43, from line 7 through line 17, with the following paragraph:

--In a further embodiment of the invention, the IMS-7 includes a mapping function for mapping terms to particular tables within the database 5. Alternatively, or in addition to SNOMED® codes, other classification and mapping codes can be used (e.g., CPT, OPCS-4, ICD-9, and ICD-10). In one embodiment, the IMS-7 comprises a program enabling it to read inputted codes and to access and display appropriate information from a relationship table. For example, in one embodiment, as shown in Figure 13, unique SNOMED® codes are assigned to tissues from specific anatomic sites, while in another embodiment, codes are assigned to tissues having specific pathologies (e.g., specific types of cancer) (see Figures 14A-C) and/or having selected pathologies (e.g., diagnostic codes are assigned to tissue samples/specimens which are the targets of specific types of cancer). In a further embodiment (not shown), tissue samples/specimens are cross-referenced using SNOMED® codes for both anatomic sites and diagnosis.--